



DEPARTMENT OF THE NAVY
OFFICE OF THE CHIEF OF NAVAL OPERATIONS
2000 NAVY PENTAGON
WASHINGTON, DC 20350-2000

OPNAVINST 5450.165E
N096
08 August 2001

OPNAV INSTRUCTION 5450.165E

From: Chief of Naval Operations

To: All Ships and Stations (less Marine Corps field addressees not having Navy personnel attached)

**Subj: MISSION AND FUNCTIONS OF COMMANDER, NAVAL METEOROLOGY AND
OCEANOGRAPHY COMMAND**

Encl: (1) Functions of Commander, Naval Meteorology and Oceanography Command

1. **Purpose.** To publish the mission and functions to be performed by the Commander, Naval Meteorology and Oceanography Command (COMNAVMETOCCOM). This instruction has been revised to reflect organizational changes and should be reviewed in its entirety.

2. **Cancellation.** OPNAVINST 5450.165D.

3. **Mission.** Responsible for the command and management of assigned Meteorology and Oceanography (METOC), and Geospatial Information and Services (GI&S) activities and efforts under the Operational Naval Oceanography Program, providing support and technical guidance throughout the Department of the Navy, and the Department of Defense. The Commander directs an organization providing METOC and GI&S products and services to optimize warfighting resources, support safe operations and enhance dominance of the battlespace through superior understanding and exploitation of the natural environment.

4. **Status and Command Relationships.** COMNAVMETOCCOM is a shore activity in an active, operational status under the direct command of the Chief of Naval Operations (CNO).

a. Command

Echelon Command

- 1 Chief of Naval Operations (N096)
- 2 Commander, Naval Meteorology and Oceanography Command

b. Area Coordinator: Chief of Naval Education and Training.

5. **Command, Tenant, Supported and Supporting Activities and Detachments.**

- a. COMNAVMETOCCOM provides administrative management and operational direction to the following:
 - (1) Operational Meteorology and Oceanography Centers
 - (2) Production Centers (Naval Oceanographic Office and Fleet Numerical Meteorology and Oceanography Center)

- (3) Meteorology and Oceanography Professional Development Center
- (4) Naval/National Ice Center
- (5) Meteorology and Oceanography Facilities
- (6) Meteorology and Oceanography Detachments and Components

b. COMNAVMETOCCOM headquarters receives base host support from the National Aeronautics and Space Administration at Stennis Space Center, Mississippi.

6. Overseas Diplomacy. COMNAVMETOCCOM activities serve as effective instruments of U.S. foreign policy by initiating and continuing programs which promote positive relations between the command and foreign nationals, and which assist naval personnel and their families to work effectively, live with dignity and satisfaction, and function as representatives of the Navy and United States while overseas.

7. Action. In accomplishing the assigned mission, COMNAVMETOCCOM shall ensure performance of the functions set forth in enclosure (1). COMNAVMETOCCOM and the Chief of Naval Education and Training will advise the Chief of Naval Operations of any recommended modifications to the mission and functions of NAVMETOCCOM.

R. D. WEST
Oceanographer of the Navy

Distribution:
SNDL Parts 1 and 2

FUNCTIONS OF THE COMMANDER
NAVAL METEOROLOGY AND OCEANOGRAPHY COMMAND

Functions:

1. Commands the Naval Meteorology and Oceanography Command (NAVMETOCOM).
2. Provides meteorology and oceanography (METOC) products and services for DOD activities, and combined and joint operations and exercises.
3. Provides geospatial information and services (GI&S) to naval commands, the National Imagery and Mapping Agency (NIMA), and other national customers.
4. Represents the Department of the Navy in DOD, national, and international operational matters involving METOC and GI&S.
5. Serves as Hydrographer of the Navy.
 - a. Prepares hydrographic and oceanographic survey plans. Schedules collection resources and executes plans to meet Chairman, Joint Chiefs of Staff guidance.
 - b. Coordinates survey missions with appropriate operational commanders. Maintains technical control of assigned hydrographic and oceanographic survey assets to include mission specifications and employment schedules. Assigns technical and scientific personnel and equipment as needed to meet mission requirements.
 - c. Collects and processes hydrographic and oceanographic information to create and maintain up-to-date databases for the production, distribution and updating of charts and maps. Per agreement with the National Imagery and Mapping Agency, co-produces digital nautical charts for those surveys conducted by the Naval Oceanographic Office or their cooperative partners, and related military mission specific products.
 - d. Develops standards and procedures for the collection, processing and handling of hydrographic and oceanographic data and information.
 - e. Establishes hydrographic education and training for the Navy.
 - f. Serves as Navy's lead national and international representative for hydrographic issues.
6. Assists the Navigator of the Navy (N096) in the development of navigation plans and policy for safety of life, data standards, manpower and training, and certification issues.
 - a. Formulates plans and procedures for the application of improved navigation to naval warfare tactics and fleet operations.
 - b. Provides for standardization of navigation databases and techniques.
7. As the senior Naval Oceanography Officer (180X designator) serves as the technical advisor for the Restricted Line (Oceanography) and Limited Duty Officer (Oceanography/Meteorology) communities, as technical advisor for the Aerographer's Mate rating, and as an advisor to the Subspecialty Primary Consultant for the Meteorology and Physical Oceanography officer subspecialties (6401-6403).
8. Develops plans and programs for managing and using METOC units of the Naval Reserve.
9. Analyzes METOC and GI&S requirements for validation and coordination by CNO across all Military Departments per CJCSI 3170.01A and SECNAVINST 5000.2B. Identifies baseline efforts and initiatives for new

solutions. Reviews requirements documents and requests submitted per OPNAVINST 3140.54A and OPNAVINST 3140.55 for potential solutions, and provides cost and operational effectiveness analyses and feasibility recommendations to CNO (N096) as tasked.

10. Maintains database of assigned METOC and GI&S projects that support satisfaction of CNO sponsored requirements.
11. Assists the CNO to ensure that platform, weapon, and sensor systems design, development, tactical evaluation, and employment are optimized relative to the effects of METOC parameters.
12. Provides technical guidance to other commands concerning METOC and GI&S, including needs for personnel, equipment and facilities.
13. Reviews GI&S requirements and Research and Development (R&D) recommendations, received from commands not reporting through the Unified or Specified Commands and submits them to CNO and NIMA for validation.
14. Monitors METOC and GI&S R&D projects scheduled to transition from developmental to operational status. Manages their integration into command operations, and recommends to Resource Sponsors those changes in R&D projects necessary to ensure efficient integration into command operations.
15. Maintains close liaison with Navy and other supported elements of DOD to evaluate the adequacy of services provided to meet validated requirements.
16. Develops, plans and conducts systematic technical assessment of NAVMETOCCOM products and services to ensure utility and scientific validity.
17. Develops future-year NAVMETOCCOM strategic plans and program recommendations for submission to CNO in developing the Program Objective Memorandum (POM).
18. Prepares and submits consolidated NAVMETOCCOM and U.S. Naval Observatory (NAVOBSY) budget estimates to the Assistant Secretary of the Navy (Financial Management and Comptroller).
19. Manages, as major claimant, those operations and procurement funds allocated. Executes allocated financial, manpower and training resources to meet mission needs and requirements.
20. Serves as Functional Manager of NAVMETOCCOM Information Systems (IS) and Level IV Milestone Decision Agent (MDA) as designated by Assistant Secretary of the Navy for Research Development and Acquisition (ASN(RD/A)).
21. Serves as the delegation authority for approval of foreign visits for COMNAVMETOCCOM and subordinate activities.
22. Directs the Command Technology Transfer Program. Approves and signs Cooperative Research and Development Agreements (CRADA) originated within the Command.
23. Serves as the delegation disclosure authority for release of controlled military information to foreign entities for COMNAVMETOCCOM and subordinate activities.
24. Serves as manager for international and interagency agreements for COMNAVMETOCCOM and subordinate activities.
25. Manages Navy compartmented security programs within NAVMETOCCOM.

26. Serves as the Original Classification Authority, per SECNAVINST S5513.5B, for COMNAVMETOCCOM and subordinate activities.
27. Manages the NAVMETOCCOM equipment program and validates equipment allowances.
28. Recommends and coordinates military construction (MILCON) projects for the Command and NAVOBSY.
29. Directs the Command Quality Assist Program and assesses command mission performance.
30. Provides guidance and exercises primary responsibility for the implementation of all command programs that pertain to facilities, environmental protection, physical security, and occupational safety and health.